Frample 2.2.5 impulse response

 $\begin{array}{c} 1 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \\ 7 & X & 1 \\ 1 & 1 & 1 \end{array}$

 $g(q, q) = f(x, y) * h(x, y) = \sum_{j=1}^{n} \sum_{i \ge -1} h(i, j) f(x-i, y-j)$

= h(-1,-1)f(4+1,4+1) + h(0, +)f(4+0,4+1) $fh(1,-1)f(4+1,4+1) + \cdots$

= 1x7+4x9+7x9+2x5+5x8+8x6 +3x3+6x7+9x5

= 300